

Express Mail Label No.: EL932931988US

Date of Deposit: February 10, 2004

Atty. Docket No.: 17633/1124

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Faustman, et al.
Serial No.:	Not yet assigned
Filed:	February 10, 2004
Entitled:	Methods for Diagnosing and Treating Autoimmune Disease

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents is also enclosed. Please note that copies of these references were filed in the parent application 09/258,682.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,

Date: February 10, 2004



Name: Kathleen Williams
Registration No.: 34,380
Customer No.: 29933
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100

EUSPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 17633/1124		Serial No. Not yet assigned	
INFORMATION DISCLOSURE STATEMENT				Applicant(s): Faustman, et al.			
				Filing Date: February 10, 2004		Group: Not yet assigned	
U.S. PATENT DOCUMENTS							
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	1.	5,538,854	July 23, 1996	Faustman	435	7.24	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation
							YES NO
	2.	WO95/24914	Sept. 21, 1995	WO	A61K	38/00	
	3.	WO95/25533	Sept 28, 1995	WO	A61K	38/06	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
	4.	Waxman, et al., "Demonstration of Two Distinct High Molecular Weight Proteases in Rabbit Reticulocytes, One of Which Degrades Ubiquitin Conjugates", <i>Journal of Biological Chemistry</i> (1987), V. 262, No. 6, Pages. 2451-2457					
	5.	van Nocker et al., "The Multiubiquitin-Chain-Binding Protein Mcb1 Is a Component of the 26S Proteasome in <i>Sacchomyces cerevisiae</i> and Plays a Nonessential, Substrate-Specific Role in Protein Turnover", <i>Molecular and Cellular Biology</i> (1996), V. 16, No. 11, Pages 6020-28.					
	6.	Townesley, et al., "Dominant-Negative Cyclin-Selective Ubiquitin Carrier Protein E2-C/UbcH10 Blocks Cells in Metaphase", <i>Proceedings of the National Academy of Sciences USA</i> (1997), V. 94, Pages 2362-67.					
	7.	Kwon, et al., "Interleukin-1 β -Induced Nitric Oxide Synthase Expression by Rat Pancreatic β -Cells: Evidence for the Involvement of Nuclear Factor κ B in the Signaling Mechanism", <i>Endocrinology</i> (1995), V. 136, No. 11, Pages 4790-95.					
	8.	Kwon, et al., "Evidence for Involvement of the Proteasome Complex (26S) and NF κ B in IL-1 β -Induced Nitric Oxide and Prostaglandin Production by Rat Islets and RINm5F Cells", <i>Diabetes</i> (1998), V. 47, Pages 583-591.					
	9.	Gronostajski, et al., "The ATP Dependence of the Degradation of Short-and Long-Lived Proteins in Growing Fibroblasts", <i>Journal of Biological Chemistry</i> (1985), V. 260, No. 6, Pages 3344-49.					
	10.	Ganoth, et al., "A Multicomponent System That Degrades Proteins Conjugated to Ubiquitin", <i>Journal of Biological Chemistry</i> (1988), V. 263, No. 25, Pages 12412-12419.					
	11.	Eytan, et al., "ATP-Dependent Incorporation of 20S Protease into the 26S Complex that Degrades Proteins Conjugated to Ubiquitin", <i>Proceedings of the National Academy of Sciences USA</i> (1989), V. 86, Pages 7751-7755.					

12.	Rechsteiner, "Ubiquitin-Mediated Pathways for Intracellular Proteolysis", <i>Annual Review of Cell Biology</i> (1987), V. 3, Pages 1-30.
13.	Hershko, et al., "The Ubiquitin System for Protein Degradation", <i>Annual Review of Biochemistry</i> (1992), V. 61, Pages 761-807.
14.	Grilli, et al., "Neuroprotection by Aspirin and Sodium Salicylate Through Blockade of NF- κ B Activation", <i>Science</i> (1996), V. 274, Pages 1383-1385.
15.	Kopp, et al., "Inhibition of NF- κ B by Sodium Salicylate and Aspirin", <i>Science</i> (1994), V. 265, Pages 956-959.
16.	Boches, et al., "Role for the Adenosine Triphosphate-Dependent Proteolytic Pathway in Reticulocyte Maturation", <i>Science</i> (1982), V. 215, Pages 978-980.
17.	Haas, et al., "Pathways of Ubiquitin Conjugation", <i>Faseb Journal</i> (1997), V. 11, Pages 1257-1268.
18.	McGuire, et al., "An Enzyme Related to the High Molecular Weight Multicatalytic Proteinase, Macropain, Participates in a Ubiquitin-Mediated, ATP-Stimulated Proteolytic Pathway in Soluble Extracts of BHK 21/C13 Fibroblasts", <i>BBA-Biochimica Biophysica Acta</i> (1988), V. 967, Pages 195-203.
19.	Orlowski, "The Multicatalytic Proteinase Complex, a Major Extralysosomal Proteolytic System", <i>Biochemistry</i> (1990), V. 29, No. 45, Pages 10289-97.
20.	Goldberg, "The Mechanism and Functions of ATP-Dependent Proteases in Bacterial and Animal Cells", <i>European Journal of Biochemistry</i> (1992), V. 203, Pages 9-23.
21.	Driscoll, et al., "The Proteasome (Multicatalytic Protease) Is a Component of the 1500-kDa Proteolytic Complex Which Degrades Ubiquitin-Conjugated Proteins", <i>Journal of Biological Chemistry</i> (1990), V. 265, No. 9, Pages 4789-4792.
22.	Speiser, et al., "Loss of ATP-Dependent Proteolysis with Maturation of Reticulocytes and Erythrocytes", <i>Journal of Biological Chemistry</i> (1982), V. 257, No. 23, Pages 14122-14127.
23.	Aristarkhov, et al., "E2-C, a Cyclin-Selective Ubiquitin Carrier Protein Required for the Destruction of Mitotic Cyclins", <i>Proceedings of the National Academy of Sciences USA</i> (1996), V. 93, Pages 4294-4299.
24.	Lahav-Baratz, et al., "Reversible Phosphorylation Controls the Activity of Cyclosome-Associated Cyclin-Ubiquitin Ligase", <i>Proceedings of the National Academy of Sciences USA</i> (1995), V. 92, Pages 9303-9307.
EXAMINER	
DATE CONSIDERED	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p> <p>**Copies of references not provided at the time of this submission.</p>	